Abstract

In this thesis we introduce and study the concept of a TAF-ring: a ring whose ideals are finite-products of 2-absorbing ideals. Following Badawi [7], an ideal $I$ of a commutative ring $R$ is a 2-absorbing ideal if whenever $a, b, c \in R$ and $abc \in I$, then $ab \in I$ or $ac \in I$ or $bc \in I$. 